10th Class 2017

physics	Group-I	Paper-II
Time: 15 Minutes	(Objective Type)	Max. Marks: 12

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

1-1- **The main categories of waves are:**
   (a) 1 (b) 2 √
   (c) 3 (d) 4

2- **The intensity level of rusting of leaves is:**
   (a) 10 dB √ (b) 20 dB
   (c) 30 dB (d) 40 dB

3- **The unit of sound intensity is:**
   (a) Wm (b) Wm^{-1}
   (c) Wm^2 (d) Wm^{-2} √

4- **The change in the focal length of the eye lens is called:**
   (a) Modification (b) Induction
   (c) Accommodation √ (d) Distinct vision

5- **The unit of capacitance is:**
   (a) Ampere (b) Farad √
   (c) Coulomb (d) Volt

6- **The formula of e.m.f is:**
   (a) $E = \dfrac{J}{Q}$ (b) $F = \dfrac{W}{I}$
   (c) $E = \dfrac{W}{Q}$ √ (d) $E = \dfrac{Q}{I}$

7- **Transformer is used to change the value of:**
   (a) Charge (b) Energy
   (c) Power (d) Voltage √

8- The principle of working of transformer is:
   (a) Self-induction
   (b) Electromagnetism
   (c) Mutual induction √
   (d) Electrostatics

9- In C.R.O, the potential of grid is:
   (a) Positive
   (b) Zero
   (c) Neutral
   (d) Negative √

10- In computer terminology, the term machinery refers to:
   (a) Software
   (b) Hardware √
   (c) Data
   (d) Procedure

11- One byte is equal to:
   (a) 4 bits
   (b) 6 bits
   (c) 8 bits √
   (d) 10 bits

12- To diagnose the brain tumor, it is used:
   (a) Iodine-131
   (b) Phosphorus-32 √
   (c) Cobalt-60
   (d) Carbon-14